

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB 2004/004356

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04M 1/23, H01H 25/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H01H, H04B, H04M, H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6441753 B1 (MONTGOMERY, D.D.), 27 August 2002 (27.08.2002), figure 12, abstract	1-8,14
Y	--	9-13,16-17
X	US 20030018397 A1 (CHANU, F.), 23 January 2003 (23.01.2003), figure 2, abstract	1-8,14
Y	--	9-13,16-17
X	WO 0034965 A2 (BADARNEH, Z.), 15 June 2000 (15.06.2000), page 39, line 12 - page 40, line 17, figures 134-138	15
Y	--	9-13,16-17



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

12 May 2005

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12-05-2005

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 20020190727 A1 (MORIMOTO, H.), 19 December 2002 (19.12.2002), figures 1-31, abstract -- -----	17

INTERNATIONAL SEARCH REPORT

Information on patent family members

01/04/2005

International application No.

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